ASSIGNMENT 8

//Q1 - Form

```
<body>
  <h1>Personal Details</h1>
  <form action="./display.php" method="post">
    Name: <input type="text" id="name" name="name"><br><br>
    Email: <input type="email" id="email" name="email"><br><br>
    Courses:
    <select name="course" id="course">
      <option value="btech">BTech</option>
      <option value="mtech">MTech</option>
      <option value="bca">BCA</option>
      <option value="mca">MCA</option>
    </select>
    <br><br>
    Subjects:
    <input type="checkbox" name="c1">Subject1
    <input type="checkbox" name="c2">Subject2
    <input type="checkbox" name="c3">Subject3
    <input type="checkbox" name="c4">Subject4
    <br><br>
    Learning mode:
    <input type="radio" id="online" name="mode" value="online"> Online
    <input type="radio" id="offline" name="mode" value="offline" checked> Offline
    <br><br>
    <input type="submit" value="submit" name="submit">
  </form>
</body>
```


Personal Details

Name: [   ]

Email: [   ]

Cources: [BTech ▾]

Subjects: ☐ Subject1 ☐ Subject2 ☐ Subject3 ☐ Subject4

Learning mode: ○ Online ◉ Offline

[submit]

//display.php

```
<?php
    echo "Name: ".$_POST['name'];
    echo "<br>Email: ".$_POST['email'];
    echo "<br>Course: ".$_POST['course'];
    if(get('c1') || get('c2') || get('c3') || get('c4'))
        echo "<br>Courses: ";
    if(get('c1'))
        echo 'Subject1, ';
    if(get('c2'))
        echo 'Subject2, ';
    if(get('c3'))
        echo 'Subject3, ';
    if(get('c4'))
        echo 'Subject4';
```

```php
    echo "<br>Learning mode: ".$_POST['mode'];


    function get($v) {
        return isset($_POST[$v]);
    }
?>
```

//Q2 – Calculate Simple Interest

```html
<body>
    <h1>Personal Details</h1>
    <form action="./display.php" method="post">
        Principle: <input type="number" name="p"><br><br>
        Rate: <input type="number" name="r"><br><br>
        Time: <input type="number" id="online" name="t">
        <br><br>
        <input type="submit" value="submit" name="submit">
    </form>
</body>
```

//display.php
```php
<?php
    echo "Principle: ".($p = $_POST['p']);
    echo "<br>Rate: ".($r = $_POST['r']);
    echo "<br>Time: ".($t = $_POST['t']);
    echo "<br>Simple Interest: ". $p * $r * $t / 100;
?>
```

//Q3 – Guessing Game

```php
<form action="index.php" method="post">
    Your guess: <input type="number" name="guess"><br>
    <input type="submit" value="Submit" name="submit">
</form>
<?php
    if(isset($_POST['submit'])) {
        $rn = floor(rand(1, 5));
        $guess = $_POST['guess'];
        if($rn == $guess) {
            echo "Correct!";
        } elseif ($rn < $guess) {
            echo "Too low!";
        } else {
            echo "Too high!";
        }
    }
?>
```

```
//Q4 – Login after authentication
<body>
   <h1>Login</h1>
   <form action="./login.php" method="post">
      Enter ID: <input type="text" id="name" name="id"><br><br>
      Password: <input type="password" id="email" name="pass">
      <br><br>
      <input type="submit" value="Login" name="login">
      <input type="submit" value="Get ID" name="show">
   </form>
</body>
```

Login

Enter ID: [   ]

Password: [   ]

[Login] [Get ID]

```
//login.php
<?php
    $keys = array('U1' => '123', 'U2' => '456', 'U3' => '789', 'U4' => '5478');
    if (isset($_POST['login'])) {
       $id = $_POST['id'];
       $pass = $_POST['pass'];
       if(array_key_exists($id, $keys) && $keys[$id] == $pass) {
          echo "<h1>Login Success!</h1>";
          return;
       }
       echo "No user found!";
    } else {
       echo "<table border=1>";
       echo "<tr><th>ID</th><th>Password</th></tr>";
       foreach ($keys as $id => $pass) {
          echo "<tr><td>".$id."</td>";
          echo "<td>".$pass."</td></tr>";
       }
       echo "</table>";
    }
?>
```

Login Success!

```
//Q5 – Form processing using HTML
<body>
   <style>
      sup {color: red;}
   </style>
   <h1>Personal Details</h1>
   <form action="./display.php" method="post">
      <label for="fname">First name: </label>
      <input type="text" id="fname" name="fname" required><sup>*</sup><br><br>
      <label for="lname">Last name: </label>
      <input type="text" id="lname" name="lname" required><sup>*</sup><br><br>
      <label for="address">Address: </label>
```

```html
<input type="text" id="address" name="address" required><sup>*</sup><br><br>
<label for="email">Email: </label>
<input type="email" id="email" name="email" required><sup>*</sup><br><br>
<label for="password">Password: </label>
<input type="password" id="password" name="pass" required><sup>*</sup><br><br>
Gender:
<input type="radio" id="male" name="gender" value="Male">
<label for="male">Male</label>
<input type="radio" id="female" name="gender" value="Female">
<label for="female">Female</label>
<br><br>
<input type="submit" value="Submit" name="submit">
    </form>
</body>
```

//display.php

```php
<?php
    echo "<table border=1>";
    echo "<tr><th>Parameter</th><th>Value</th></tr>";
    echo "<tr><td>First name</td><td>".$_POST['fname']."</td>";
    echo "<tr><td>Last name</td><td>".$_POST['lname']."</td>";
    echo "<tr><td>Address</td><td>".$_POST['address']."</td>";
    echo "<tr><td>Email</td><td>".$_POST['email']."</td>";
    echo "<tr><td>Password</td><td>".$_POST['pass']."</td>";
    echo "<tr><td>Gender</td><td>".$_POST['gender']."</td>";
    echo "</table>";
?>
```

Personal Details

First name: [_____] *

Last name: [_____] *

Address: [_____] *

Email: [_____] *

Password: [_____] *

Gender: ○ Male ○ Female

[Submit]